

Answer the questions.

1. Which criterion are naturalness and elegance the same as?
simplicity
2. Which criterion is the same as predictive power?
fruitfulness

Match each criterion to what it teaches.

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|----------------|---------------------------|
| A. accuracy | E. fruitfulness |
| B. adequacy | F. harmony with Scripture |
| C. coherence | G. simplicity |
| D. consistency | |

3. Every point of a theory must be compatible with the Bible rather than in conflict with it. **F**
4. The theory must hang together rather than contradict itself. **C**
5. The theory must fit all the data rather than most of it. **B**
6. The theory must be consistent with other known relevant laws. **D**
7. The theory must be as easy and efficient as possible rather than unnecessarily complicated. **G**
8. The theory must be precise rather than approximate. **A**
9. The theory must be productive rather than a dead end. **E**

Give the main criterion for judging a theory that each example below fails. The criteria are accuracy, adequacy, coherence, consistency, fruitfulness, harmony with Scripture, and simplicity.

10. elaboration of evolutionary theory to explain the lack of transitional forms among fossils
simplicity
11. the orbit of Uranus before the discovery of Neptune
adequacy (Uranus' orbit unexplained)
12. Nature hates a vacuum.
coherence (attributes emotions to nature)
13. Buddhists believe that Buddha was enlightened and that his teachings can lead one to nirvana, deliverance from evil and suffering.
harmony with Scripture
14. The tooth fairy replaces a lost tooth with money.
fruitfulness
15. Heavy objects fall faster than light ones.
consistency (inconsistent with time of objects in freefall)
16. Newton's universal gravitation (as replaced by general relativity)
accuracy (predicting Mercury's orbit)

The date of the Flood is a current controversy. Give the main criterion each view fails.

17. Some say that it was a local flood only and that its date is not important since it was not a miracle.
harmony with Scripture
18. Bishop Ussher calculated the date of the Flood at Wednesday, May 5, 1491 B.C.
accuracy (too precise because it ignores uncertainties in biblical chronology)

Answer the questions.

19. While the Creation view of origins expects the lack of transitional forms, evolution has struggled to account for this. If an adequate theory is attainable on this point, what criterion (other than harmony with Scripture) will it conflict with?

simplicity

20. Explain the significance of Matthew 22:31–32 for logic.

Since God spoke in the present tense (using am) of being the God of Abraham, Isaac, and Jacob, these men were still alive even though they had died years before. This scriptural argument showed the inadequacy of the theology of the Sadducees.